PTO/SB/05 (08-03)
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PATENT APPLICATION TRANSMITTAL  (Only for new nonprovisional applications under 37 CFR 1.53(b))  Express Mail Label No.    Computer 600 concerning utility patent application contents	<u> </u>					0.00	bays a valid OMB control num				
PATENT APPLICATION TRANSMITTAL  (Only for new nonprovisional applications under 37 CFR 1.53(b))  Express Mail Label No.  APPLICATION ELEMENTS.  See MPEP chapter 600 concerning utility patent application, contents.  APPLICATION ELEMENTS.  See MPEP chapter 600 concerning utility patent application, contents.  APPLICATION ELEMENTS.  See MPEP chapter 600 concerning utility patent application, contents.  APPLICATION ELEMENTS.  See MPEP chapter 600 concerning utility patent application, contents.  APPLICATION ELEMENTS.  See MPEP chapter 600 concerning utility patent application, contents.  APPLICATION ELEMENTS.  APPLIC	I ITII ITV				SON-2918						
TRANSMITTAL    Control for new nonprovisional applications under 37 CFR 1.53(b))   Express Mail Label No.		rırşt in	iventor	Soich	Soichi Kuwahara		<u> </u>				
APPLICATION ELEMENTS  See MPEP chapter 600 concerning utility patient application, contents  For Transmittal Form (e.g., PTO/S8/17)  L. X. Submar an original, and a dupicate for fee processing).  Applicant claims small entity status.  See 37 CFR 1.27.  X. X. Specification  (Total Pages 87)  Applicant claims small entity status.  See 37 CFR 1.27.  Applicant claims small entity status.  See 37 CFR 1.28.  Application Information in the Drawings (if filed)  Detailed Description (if of the invention or computer program issing appendix or abstract of the Disclosure of the Disclosure of the Disclosure  A CCOMPANYING APPLICATION PARTS  Solution of Declaration  Total Sheets  Drawing(s) (35 U.S.C. 113)  Total Sheets		Title	1 ITEO 1								
APPLICATION ELEMENTS  See MPEP chapter 600 concerning utility patient application contents  I. X   Fee Transmittal Form (e.g., PTO/SB/17)  [Subma an original, and a duplicate for fee processing).  Applicant claims small entity status.  2. Applicant claims small entity status.  3. X   Specification   Total Pages   87    International Program (Appendix)    International Program (International Progra	only for new nonprovisional applications under 37 CFR 1.53(b))	Express Mail Label No.									
APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patient application contents.  ADDRESS TO: Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450  1. X (Submit a original, and a subjecte for the processing). Applicant claims small entity status.  See 37 CFR 1.27.  3. X Specification [Total Pages 87] Beginned arrangement set fort below; See 37 CFR 1.27.  3. X Specification [Total Pages 87] Beginned arrangement set fort below; Statement Reparding feet sponsored R a D. Reference to sequence listing, a table, or a computer program (slap papendx) Bed Summay of the invention Bed Summay of the I			LAPICOS IVIAII LADEI IVO.								
APPLICATION ELEMENTS  See MPEP chapter 600 concerning utility patient application; contents  ADDRESS: TO: Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450  1. X (Subman conginal, and a subjecte for the processing) 2. Applicant claims small entity status See 37 CFR 1.7?  3. X Specification [Total Pages 87]  (Internet arrangement set fort below) P.D. Specification (Total Pages 87)  ACCOMPLAY Readable Form (CRF)  b. Specification Sequence Submission (If applicable, all necessary) a. Computer Readable Form (CRF)  b. Specification Sequence Submission (If applicable, all necessary) a. Computer Readable Form (CRF)  b. Specification Sequence Listing on: Constructing on: Constructing on: Commissioner for Patents Accompany of the further of the processory a. Computer froat of the further of the processory a. Computer Readable Form (CRF) b. Specification Sequence Submission (If applicable, all necessary) a. Computer Readable Form (CRF) b. Specification Sequence Listing on: Computer Readable Form (CRF) b. Specification Sequence Listing on: Computer Readable Form (CRF) b. Specification Sequence Listing on: Computer Readable Form (CRF) b. Specification Sequence Listing on: Computer Readable Form (CRF) b. Specification Sequence Listing on: Computer Readable Form (CRF) b. Specification Sequence Listing on: Computer Readable Form (CRF) b. Specification Sequence Listing on: Computer Readable Form (CRF) b. Specification Sequence Listing on: Computer Readable Form (CRF) b. Specification Sequence Listing on: Computer Readable Form (CRF) b. Specification Sequence Listing on: Computer Readable Form (CRF) b. Specification Sequence Listing on: Computer Readable Form (CRF) b. Specification Sequence Listing on: Computer Readable Form (CRF) b. Specification Sequence Listing on: Computer Readable Form (CRF) b. Specification Sequence Listing on: Computer Readable Form (CRF) b. Specification Sequence Listing on: Computer Readable Form (CRF) b. Specification Sequence Listing on: Computer Readable Form (CRF) computer Readable F			andra 5 i	S <sub>ES</sub> MS	Patent A	Applic	cation				
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Submit an original, and a duplicate for fee processing)   Submit an original, and a duplicate for fee processing)   Submit an original, and a duplicate for fee processing)   Submit an original, and a duplicate for fee processing)   Submit and feet for feet feet feet feet feet feet feet fee	For Transmittel Form (o.s. DTO/SD/17)	7 <b>(</b> )7) 3		OM or CD-R	in duplica	ite, la					
See 37 CFR 1.27.  3. X Specification  (Irotal Pages 87]  (If applicable, all necessary)  a. Computer Readable Form (CRF)  (Descriptive title of the invention  - Descriptive title of the invention  - Cross Reference to Related Applications - Statement Regarding Fed sporsored R & D  - Reference to sequence Isiting, a table, or a computer program Isiting appendix - Statement Regarding Fed sporsored R & D  - Reference to sequence Isiting, a table, or a computer program Isiting appendix - Statements verifying identity of above copies  - Accompany the Invention - Bed Summy the Invention - Bed Summy the Invention - Detailed Description - Calain(s) - Detailed Description - Calain(s) - Abstract of the Disclosure  4. X Drawing(s) (35 U.S.C. 113) [Total Sheets 23]  5. Oath or Declaration [Total Sheets 3]  a. Newly executed (original or copy)  b. Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 16 completed)  i. DELETION OF INVENTOR(S) ingred statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).  5. Other:  6. Application Data Sheet. See 37 CFR 1.76  18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite Information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:  Continuation Divisional Continuation-in-part (CIP) of prior application, from which an oath or declaration is supplied under 80 S b), a considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation gan only be relied upon when a portion has been inadvertently omitted from the submitted application parts.	(Submit an onginal, and a duplicate for fee processing)		Nivelectide				nce Submission				
Descriptive title of the invention   Cross Reference to Related Applications   Statement Regarding Fed Sponsored R & D	See 37 CFR 1.27.		(if applica	ile, all neces	sary)	•					
- Descriptive title of the invention - Cross Reference to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Cairn(s) - Abstract of the Disclosure  4. X Drawing(s) (35 U.S.C. 113) [Total Sheets 3] 5. Oath or Declaration [Total Sheets 3]  a. Newly executed (original or copy) b. Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 18 completed)  i. Delated On Data Sheet. See 37 CFR 1.76  6. Application Data Sheet. See 37 CFR 1.76  18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:  Continuation Divisional Continuation-in-part (CIP) of prior application, from which an eath or declaration parts.  19. CORRESPONDENCE ADDRESS  19. Correspondence to Retard Application parts.  10. Statements verifying identity of above copies or it. CD-ROM or CD-R (2 copies); or ii. Paper it. CD-ROM or CD-R (2 copies); or ii. Paper it. CD-ROM or CD-R (2 copies); or ii. Paper it. CD-ROM or CD-R (2 copies); or ii. Paper it. CD-ROM or CD-R (2 copies); or iii. Paper it. CD-ROM or CD-R (2 copies); or a computer or a computer of the invention in the verifying identity of above copies or ii. CD-ROM or CD-R (2 copies) or ii. CD-ROM or CD-R (2 copies of ipon and community of above copies or ii. CD-ROM or CD-R (2 copies of ipon and suggested a	<u> </u>	7]]		•		•	F)				
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or a computer program listing appendix Background of the Invention Brief Summary of the Invention Claim(s) Detailed Description of the Drawings (if filed) Detailed Description Claim(s) Claim(s) Detailed Description Claim(s) Claim(s)  Newly secuted (original or copy)  B. Copy from a prior application (37 CFR 1.63(d)) Corporative fixed beta tather deleting inventor(s) named in the prior application Signed statement attached deleting inventor(s) named in the prior application See 37 CFR 1.63(d)(2) and 1.33(b).  B. Application Data Sheet. See 37 CFR 1.76  18. If a CONTINUING APPLICATION check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76  Continuation Divisional Continuation-in-part (CIP) of prior application, from which an oath or declaration parts.  Prior application information: Examiner  For CONTINUIATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration parts.  19. CORRESPONDENCE ADDRESS	<ul> <li>Statement Regarding Fed sponsored R &amp; D</li> </ul>		i				· ·				
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- Abstract of the Disclosure 4. X Drawing(s) (35 U.S.C. 113) [Total Sheets 23] 1 11. English Translation Document (if applicable) 5. Oath or Declaration [Total Sheets 3] 1 12. Information Disclosure Statement (IDS)/PTO-1449 Citations 6. Newly executed (original or copy) 13. X Preliminary Amendment (IDS)/PTO-1449 (inforcontinualion/divisional with Box 18 completed) (inforcontinualion information information) (inforcontinualion/divisional with Box 18 completed) (inforcontinualion information) (inforcontinualion information) (inforcontinualion) (inforcontinua	- Detailed Description			•	,	heet	-				
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	X Customer Number: 23353		0	R	Correspo	nden	ce address below				
RADER, FISHMAN & GRAUER PLLC Ronald P. Kananen	ame I	R PLLO	2								
Address 1233 20th Street, N.W.	1233 20th Street N.W.	_	**			-					
Suite 501	Suite 501		122	-							
City Washington State DC Zip Code 20036				750							
Country US   Telephone   (202) 955-3750   Fax   (202) 955-3751		iepnone	- 1		1	-	<del></del>				
Name (Print/Type) Ronald P Kanapen Registration No. (Attorney/Agent) 24,104	Name (Print/Type) Ronald P Kananen		Registratio	No. (Attorn	ey/Agent)		24,104				
Signature Date February 24, 2004	Signature / /				Date	Feb	bruary 24, 2004				
	19		-		<u> </u>						

PTO/SB/17 (08-03)

Approved for use through 07/31/2006. OMB 0651-0032

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FEE TRANSMITTAL	ı	Application Number			er Not Yet Assigned				
for EV 2002	ı	Filing			February 24, 2004				
for FY 2003	First Named Inventor			Inven	ntor Soichi Kuwahara				
Effective 01/01/2003, Patent fees are subject to annual revision.	Examiner Name				Not Yet Assigned				
Applicant claims small entity status. See 37 CFR 1.27	ı	Art I In	it		N/A				
7400111				cket No					
(0)									
METHOD OF PAYMENT (check all that apply)  FEE CALCULATION (continued)									
Check Card Money Order None 3. ADDITIONAL FEES									
X Deposit Account:									
Deposit Account 18-0013	Fee	Fee	Fee	Entity	- For Bosonistics				
Number	Code	(\$)	Code	(\$)	Fee Description Fee Paid				
Deposit Account Rader, Fishman & Grauer PLLC	1051	130	2051	65	Surcharge – late filing fee or oath				
Name The Director is authorized to: (check all that apply)	1052	50	2052	25	Surcharge – late provisional filing fee or cover sheet.				
X Charge fee(s) indicated below X Credit any overpayments	1053	130	1053		Non-English specification				
Charge any additional fee(s) during the pendency of this									
application	1812	2,520	1812		For filing a request for ex parte reexamination  Requesting publication of SIR prior to				
Charge fee(s) indicated below, except for the filing fee	1804	920*	1804	920*	Examiner action				
to the above-identified deposit account.	1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action				
FEE CALCULATION	1251	110	2251		Extension for reply within first month				
1. BASIC FILING FEE	1252	410 930	2252 2253		Extension for reply within second month				
Large Entity Small Entity Fee Fee Fee Fee Paid	1253		2253		Extension for reply within third month				
Code (\$) Code (\$)	1254	1,450		725	Extension for reply within fourth month				
1001 770 2001 385 Utility filing fee 770.00 1002 330 2002 165 Design filing fee	1255 1401	1,970 320	2255 2401	985 160	Extension for reply within fifth month  Notice of Appeal				
1003 520 2003 260 Plant filing fee	1402	320	2402	160	Filing a brief in support of an appeal				
1004 750 2004 375 Reissue filing fee	1403	280	2403	140	Request for oral hearing				
1005 160 2005 80 Provisional filing fee	1451	1,510	1451	1,510	Petition to institute a public use proceeding				
SUBTOTAL (1) (\$) 770.00	1452	110	2452	55	Petition to revive – unavoidable				
C. EVERA OLARA FEEG FOR LITH ITV AND DEICOLIE	1453 1501	1,300	2453 2501	650 650	Petition to revive - unintentional  Utility issue fee (or reissue)				
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE  Extra Fee from	1502	470	2502		Design issue fee				
Claims   below   Fee Paid     Total Claims   37   -20** =   17   x   18   =   306.00	1503	630	2503		Plant issue fee				
Independent 8 -3** = 5 x 86 = 430.00	1460	130	1460	130	Petitions to the Commissioner				
Claims  Multiple Dependent  290.00 = 290.00	1807	50	1807	50	Processing fee under 37 CFR 1.17(q)				
Large Entity   Small Entity	1806	180	1806	180	Submission of Information Disclosure Stmt				
Fee Fee Fee Fee Fee Description	8021	40	8021	40	Recording each patent assignment per				
Code (\$)   Code (\$)	1809	750	2809	375	property (times number of properties) Filing a submission after final rejection				
1201 84 2201 42 Independent claims in excess of 3	1				(37 CFR 1.129(a)) For each additional invention to be				
1203 280 2203 140 Multiple dependent claim, if not paid	1810	750	2810	375	xamined (37CFR 1.129(b))				
1204 84 2204 42 ** Reissue independent claims over original patent	1801	750	2801	375	Request for Continued Examination (RCE) Request for expedited examination				
1205 18 2205 9 ** Reissue claims in excess of 20	1802	900	1802	900	of a design application				
and over original patent	Other fee (specify)								
SUBTOTAL (2) (5) 1026.00 Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 0.00									
**or number previously paid, if greater, For Reissues, see above									
SUBMITTED BY	Reaist	ration No		404	(Complete (if applicable))				
Name (Print/Type) Romald P Kananen		ey/Agent)	24	,104	Telephone (202) 955-3750				
Signature // /					Date February 24, 2004				
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